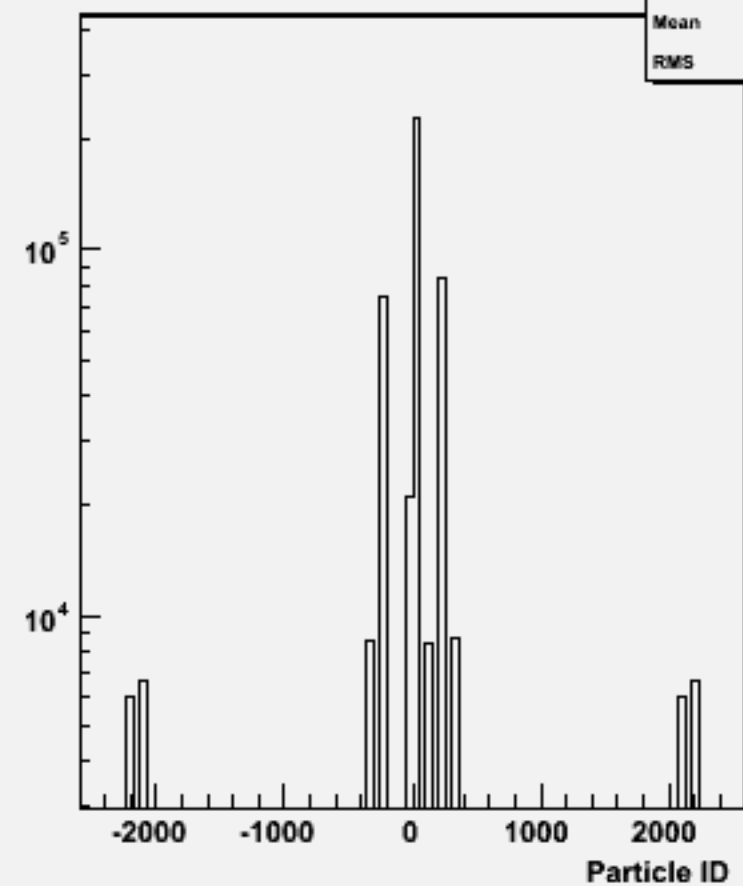


# Generator file information: w100858 e2e2ude1n1\_o

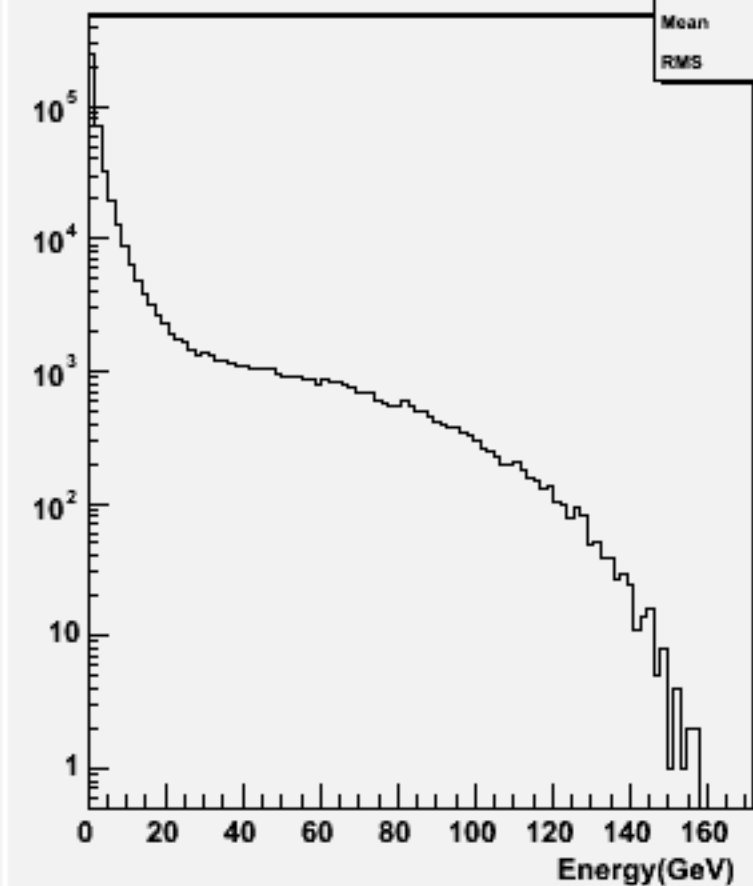
process\_id=w100858  
job\_date\_time=100625-222502  
process\_name=e2e2ude1n1\_o  
CM\_energy\_in\_GeV=350  
program\_name\_version=whizard-1.40  
beam\_particle1=e1  
beam\_particle2=E1  
polarization1=+1.0  
polarization2=+1.0  
luminosity=1000  
cross\_section\_in\_fb=8.94673077584885  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w100858\_01.stdhep  
number\_of\_events\_in\_files=10000  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/0350  
logurl=[http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run\\_output/w100858/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w100858/run_01)  
comment=

Particle ID : w100858 e2e2ude1n1\_o



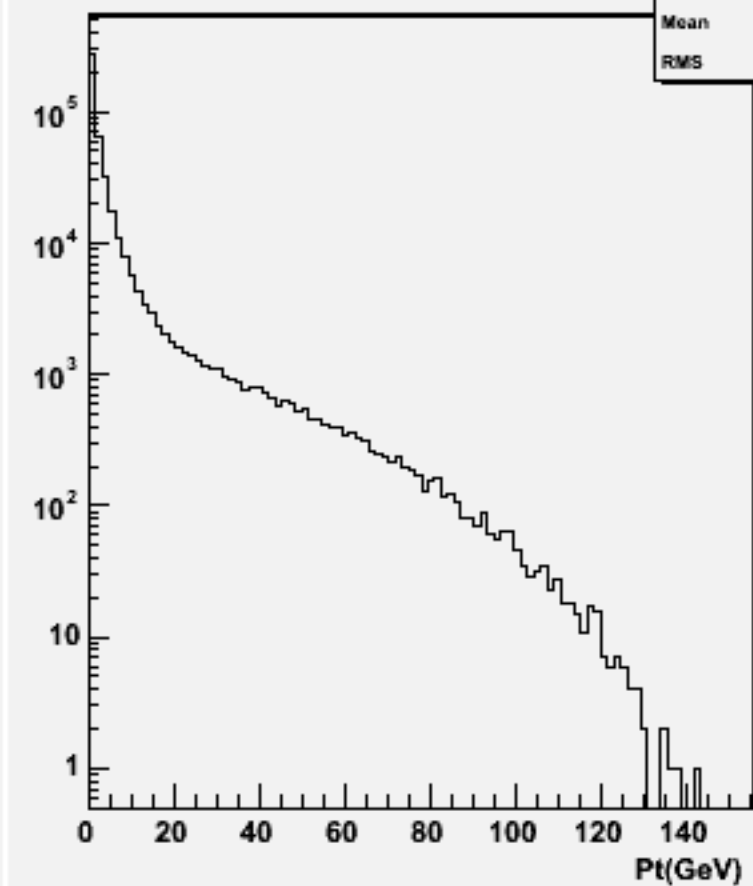
| h_id    |        |
|---------|--------|
| Entries | 457840 |
| Mean    | 16.76  |
| RMS     | 526.8  |

Particle Energy : w100858 e2e2ude1n1\_o



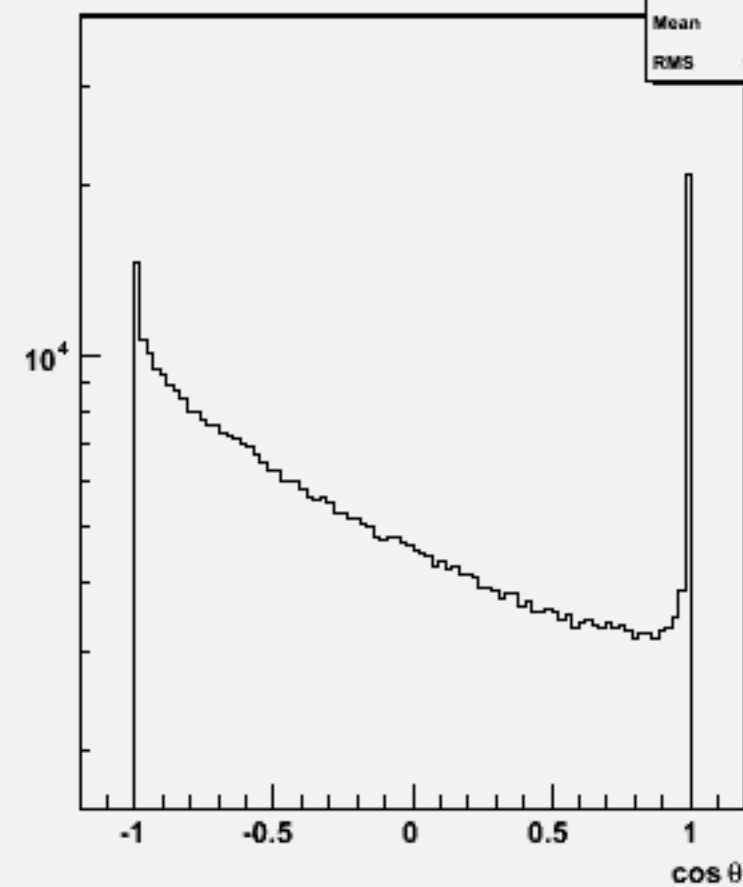
| h_e     |        |
|---------|--------|
| Entries | 457840 |
| Mean    | 7.596  |
| RMS     | 17.75  |

Particle Pt : w100858 e2e2ude1n1\_o



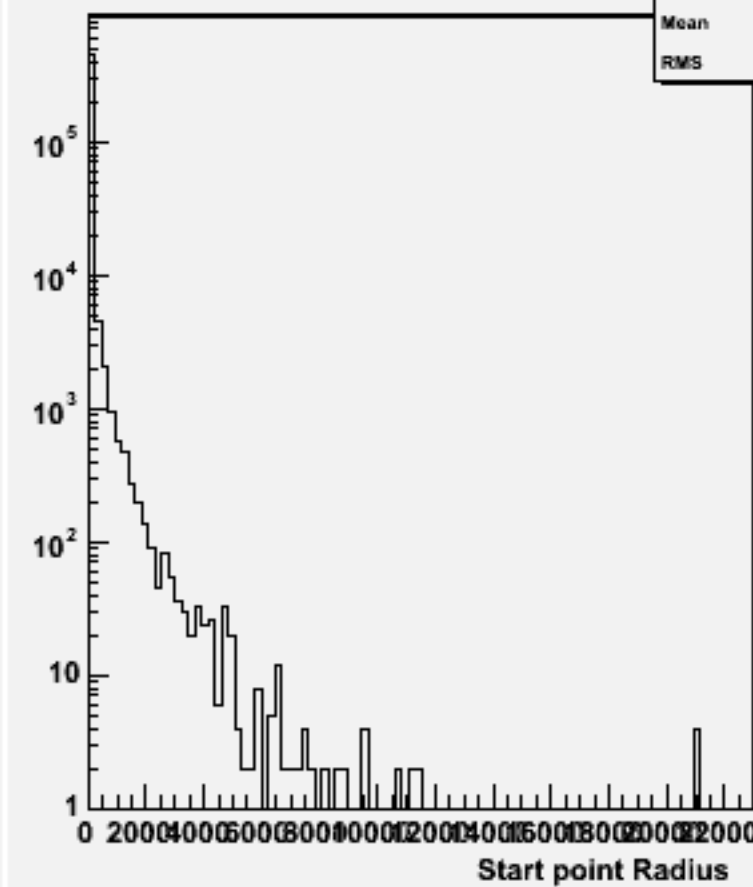
| h_pt    |        |
|---------|--------|
| Entries | 457840 |
| Mean    | 4.464  |
| RMS     | 10.92  |

Particle cosθ : w100858 e2e2ude1n1\_o



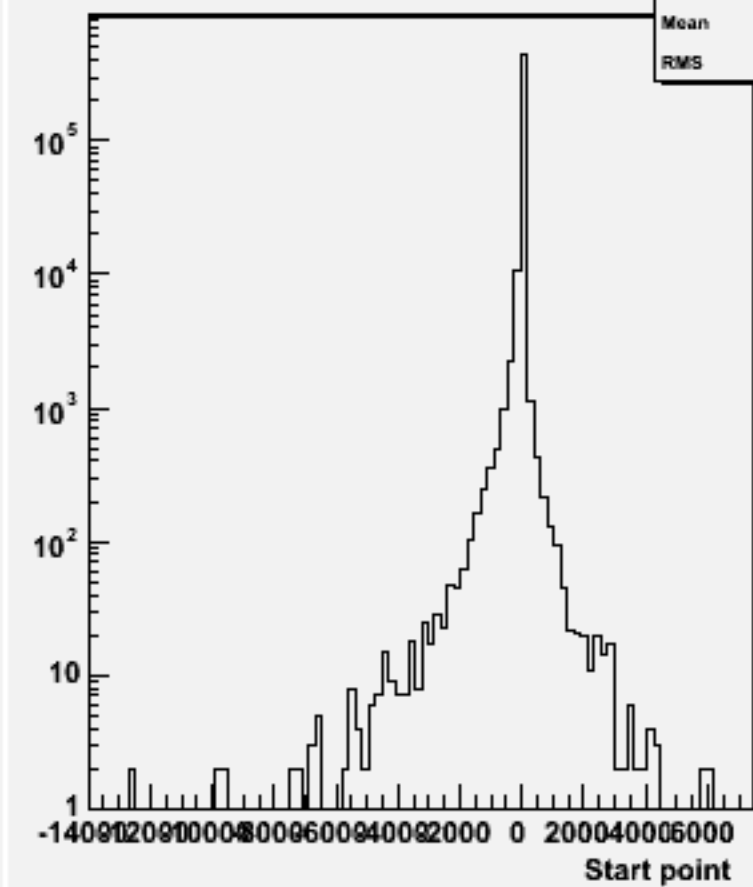
| h_cs    |        |
|---------|--------|
| Entries | 457840 |
| Mean    | -0.164 |
| RMS     | 0.6173 |

Start point R : w100858 e2e2ude1n1\_o

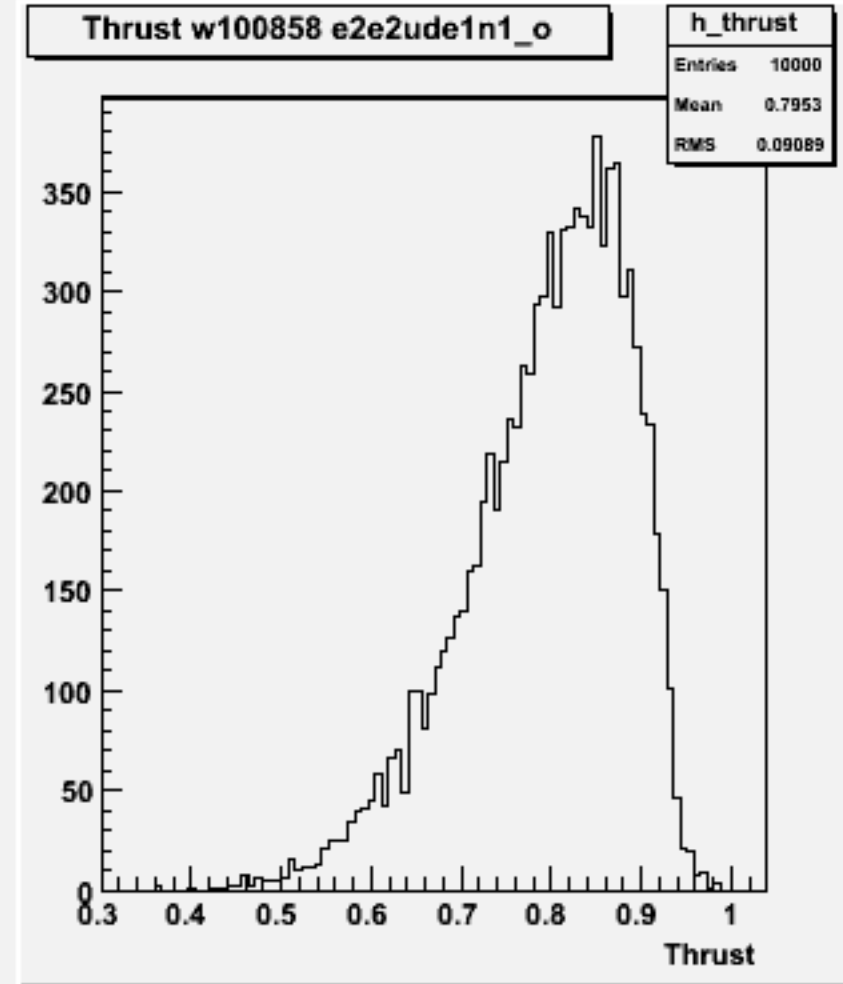
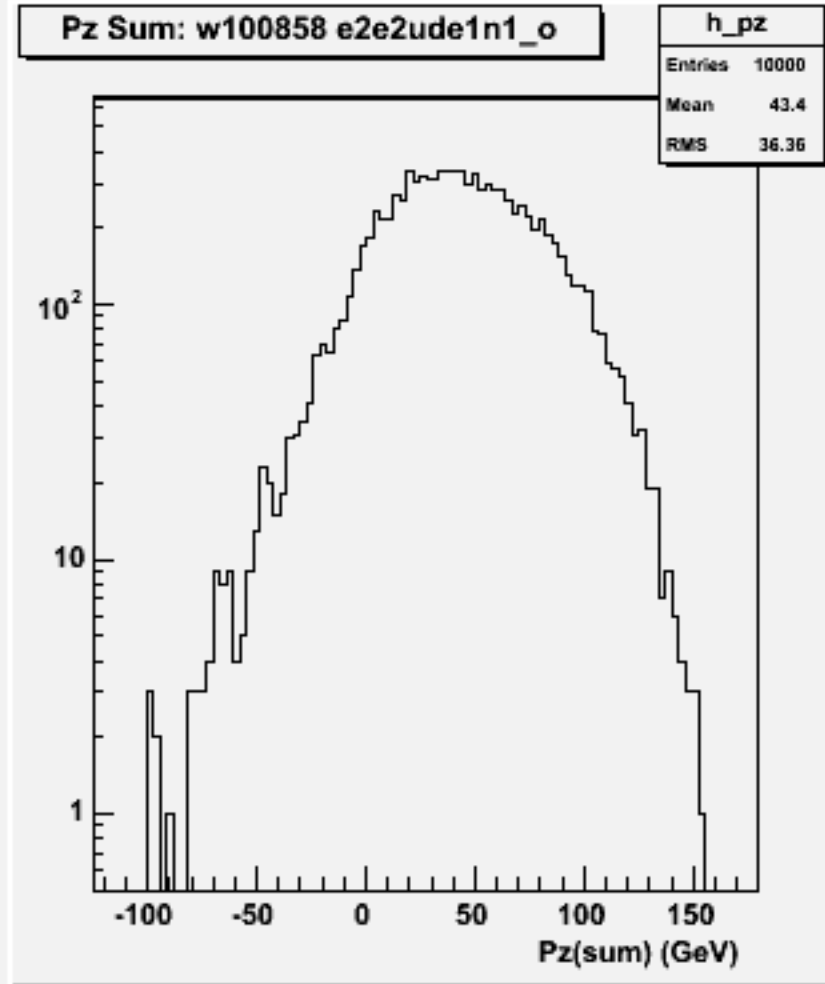
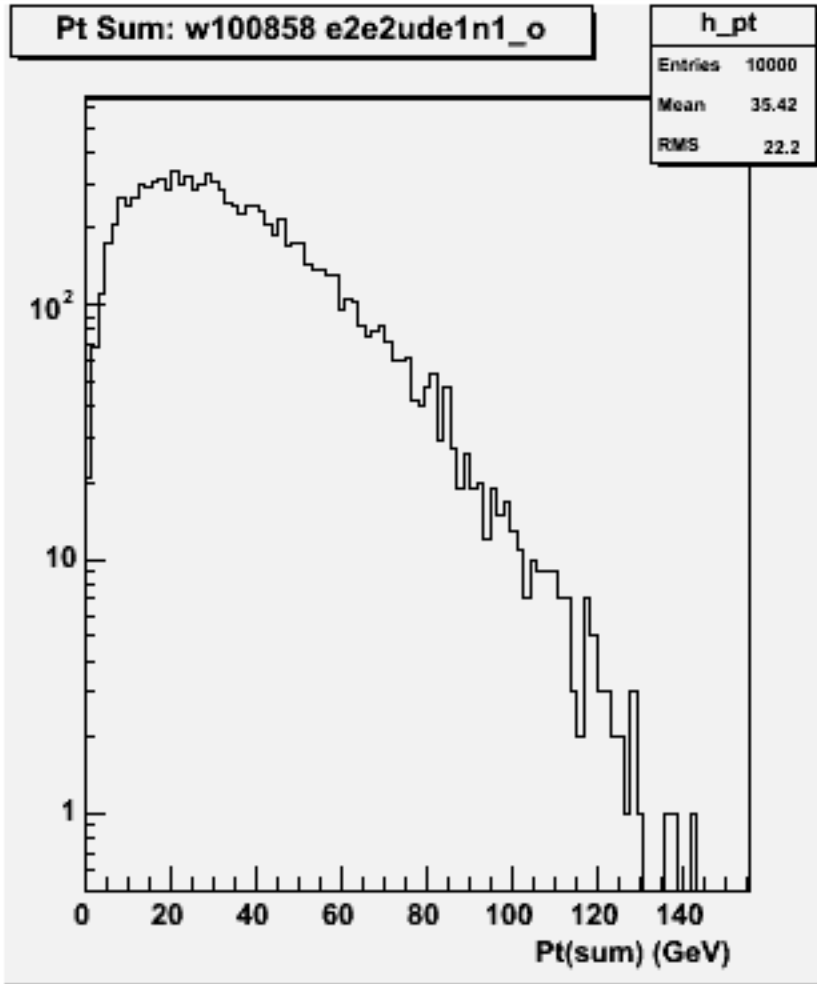
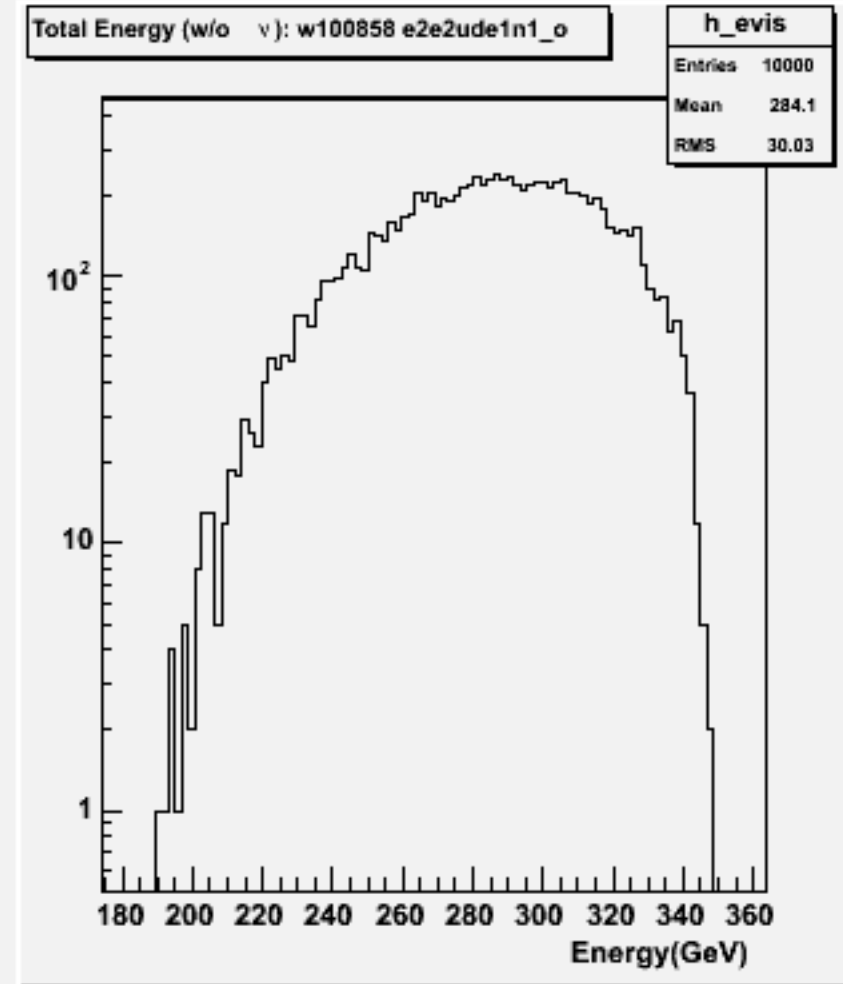
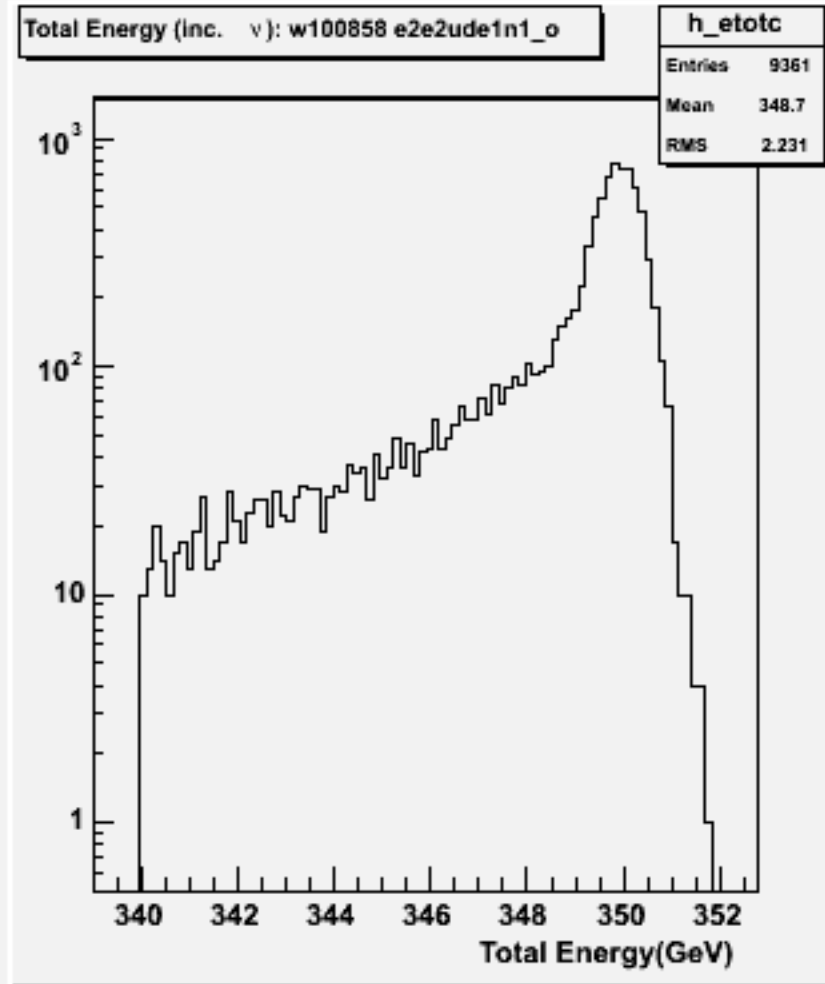
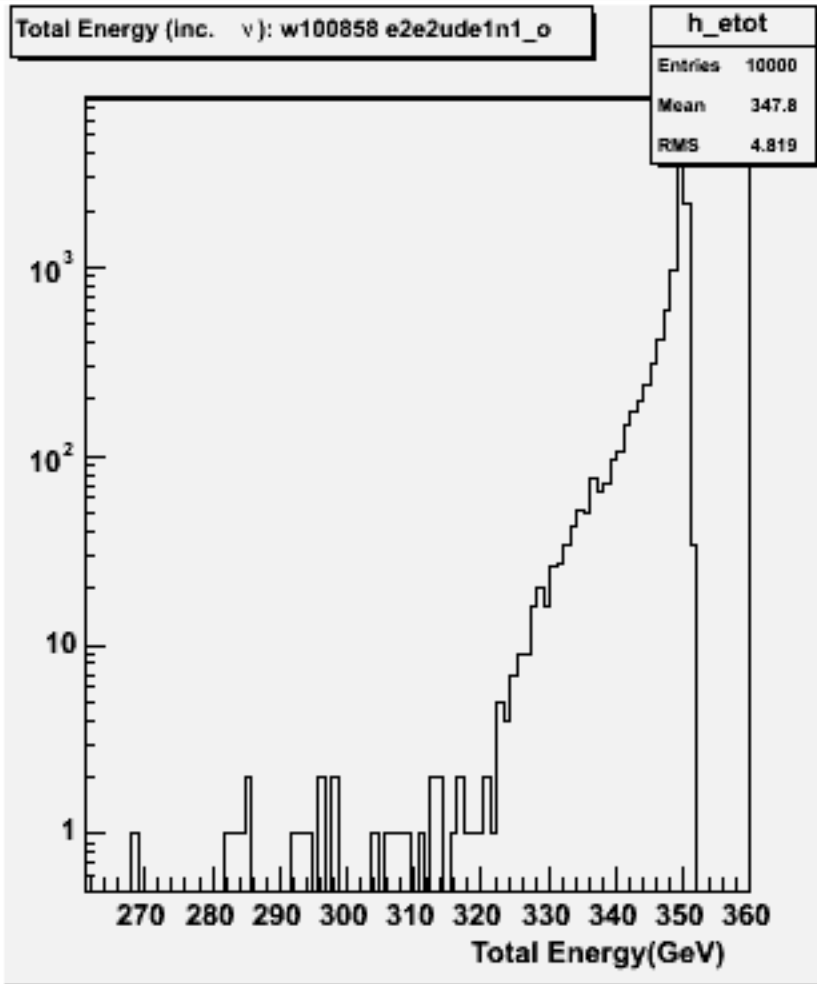


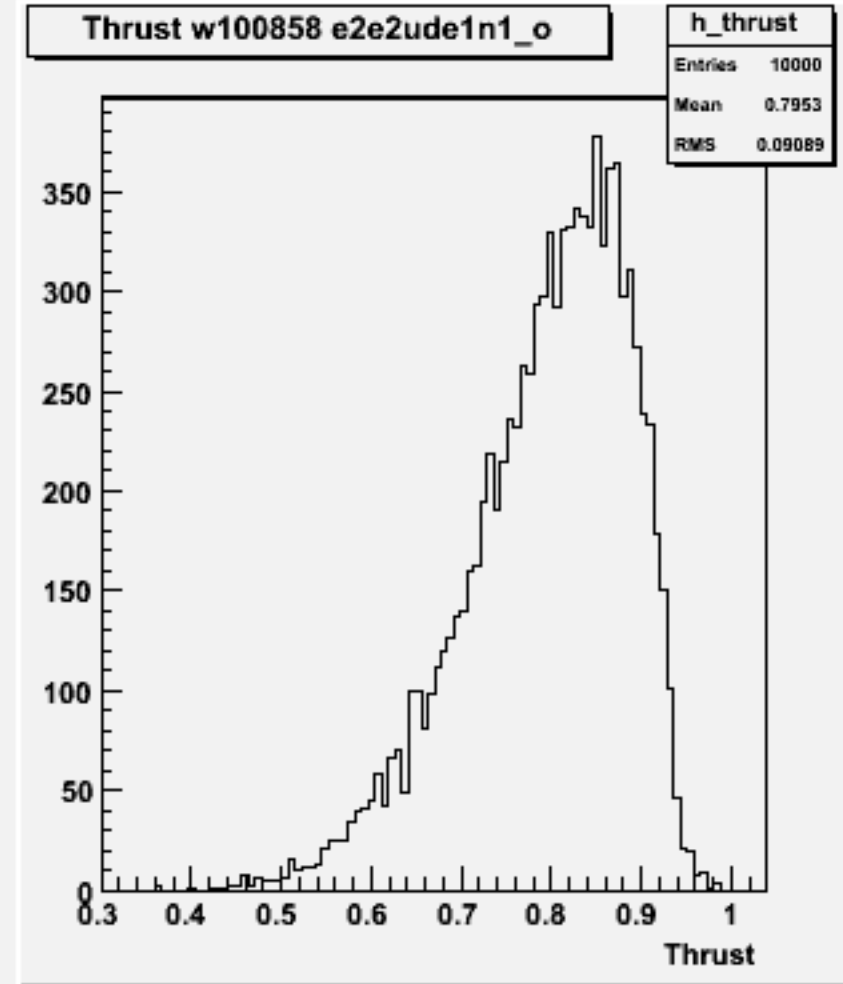
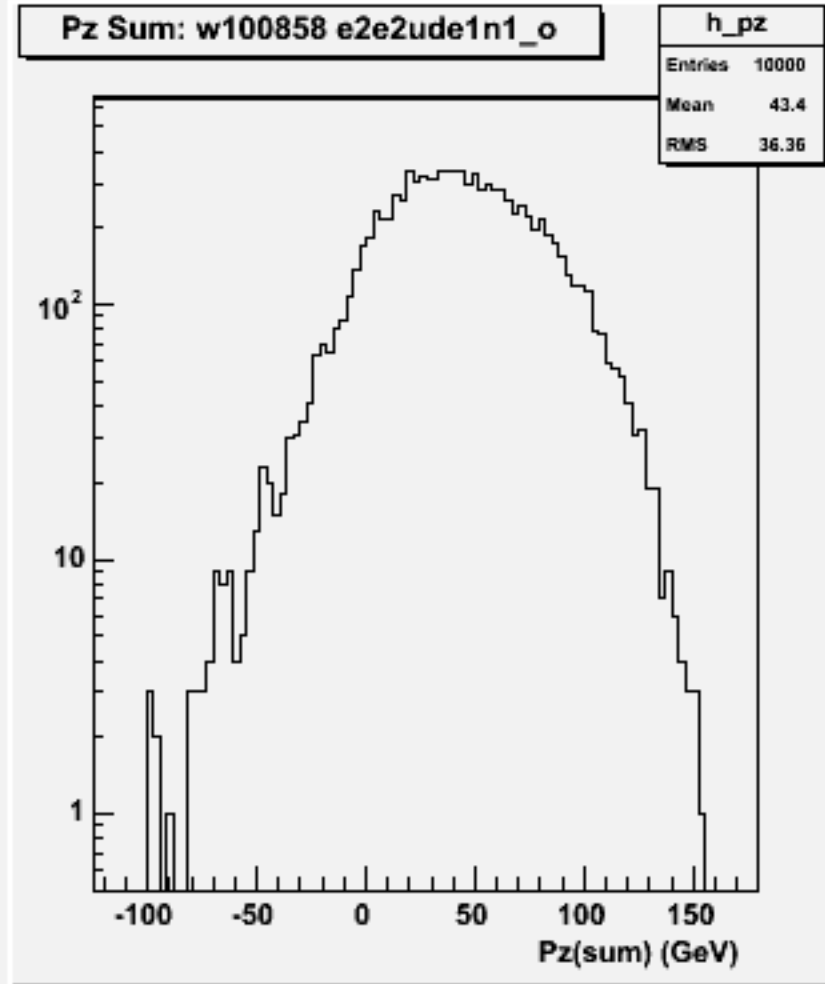
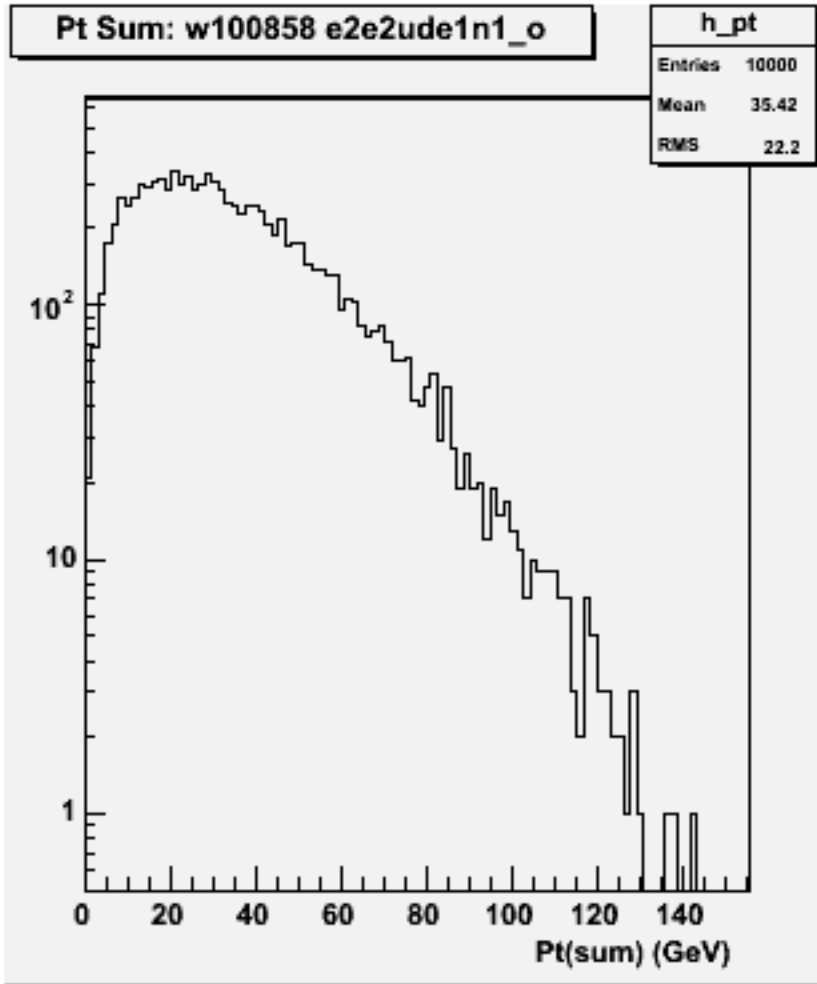
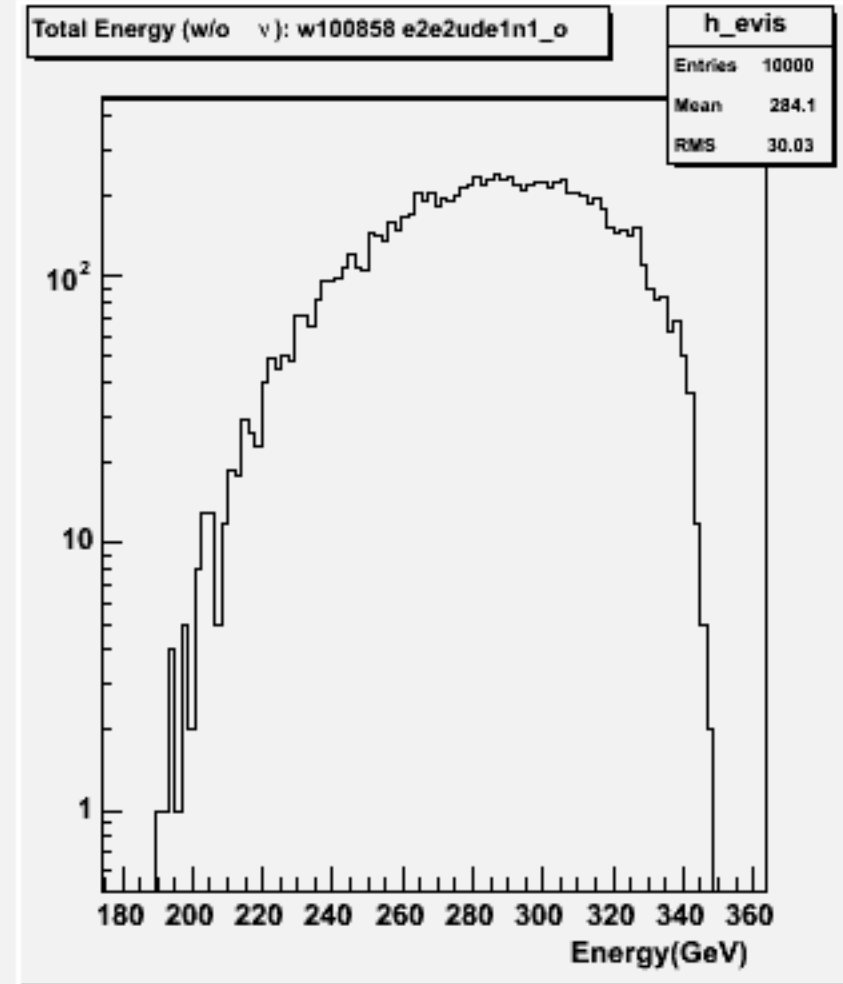
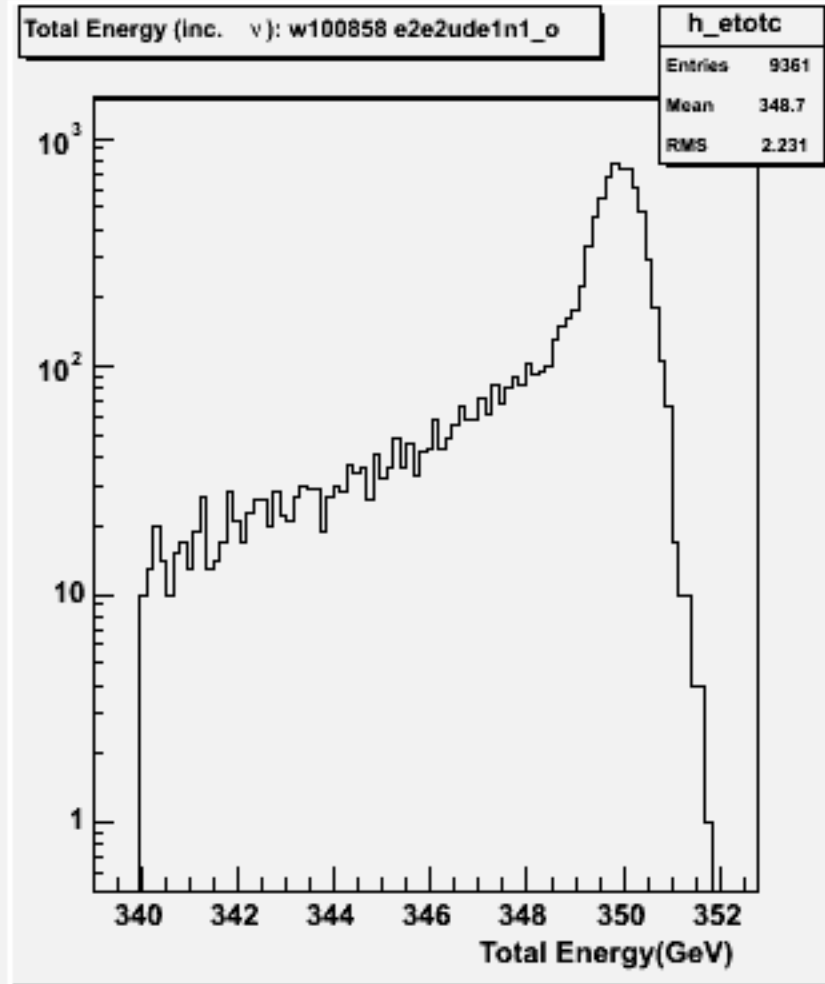
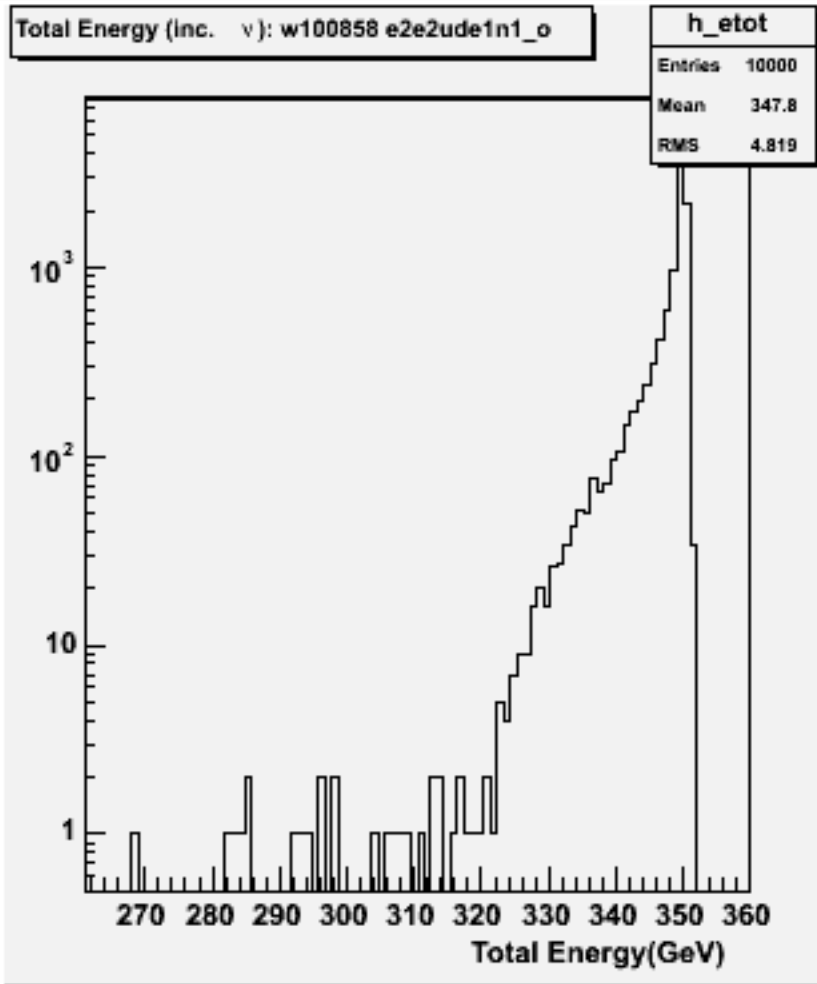
| h_vr    |        |
|---------|--------|
| Entries | 457840 |
| Mean    | 20.28  |
| RMS     | 182.4  |

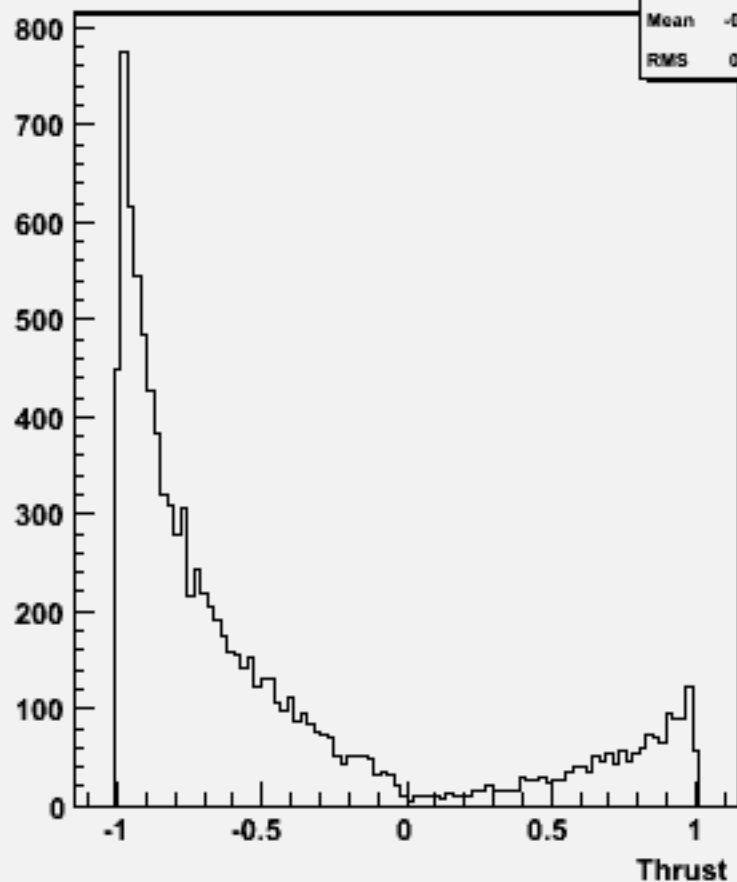
Start point Z : w100858 e2e2ude1n1\_o



| h_vz    |        |
|---------|--------|
| Entries | 457840 |
| Mean    | -6.954 |
| RMS     | 135.6  |



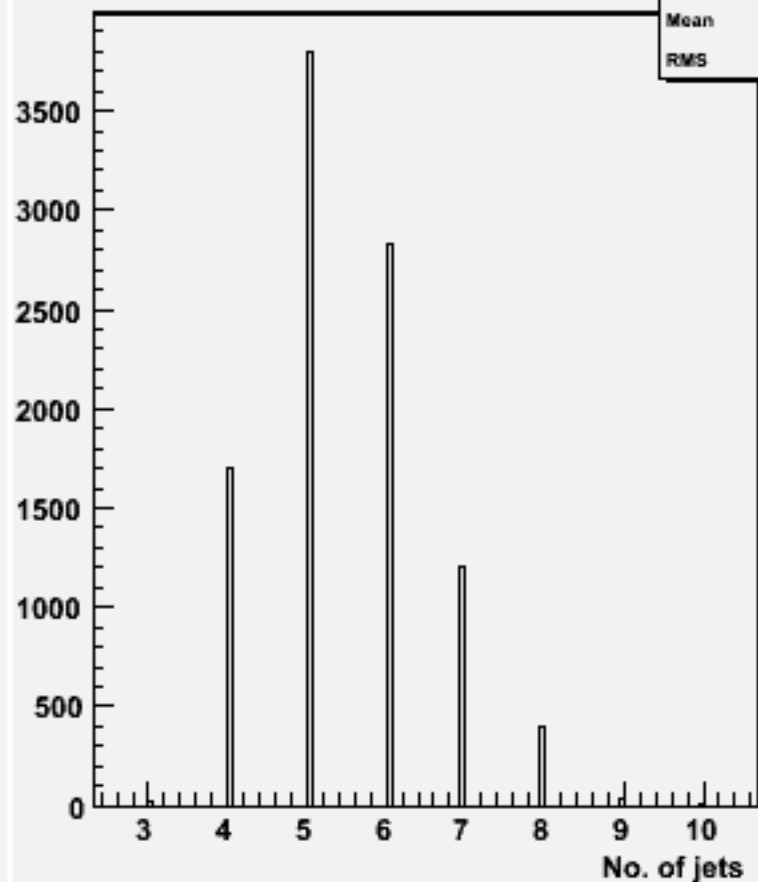


cos  $\Theta$ (thrust) w100858 e2e2ude1n1\_o

h\_csth

|         |         |
|---------|---------|
| Entries | 10000   |
| Mean    | -0.5039 |
| RMS     | 0.5845  |

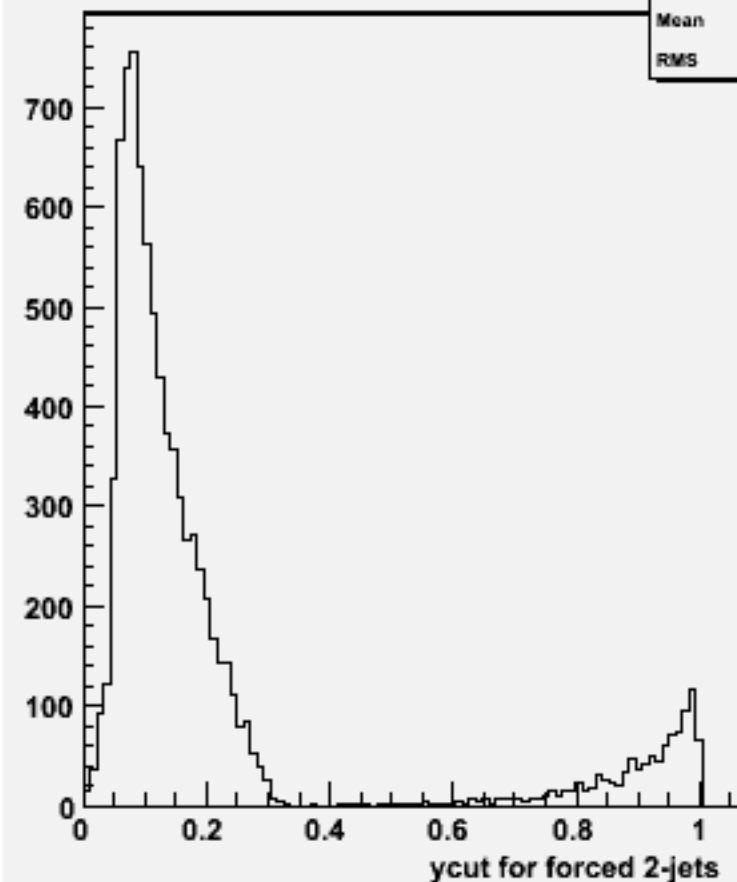
No. jets (ycut=0.001) : w100858 e2e2ude1n1\_o



h\_njets

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean    | 5.486 |
| RMS     | 1.07  |

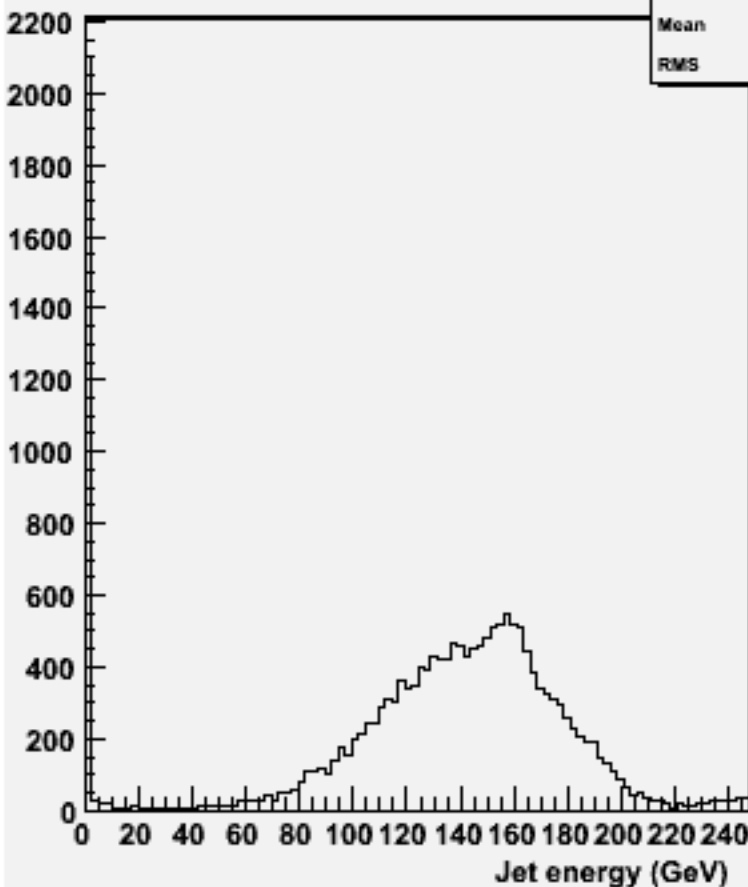
Ycut for 2-jets :w100858 e2e2ude1n1\_o



h\_yc2j

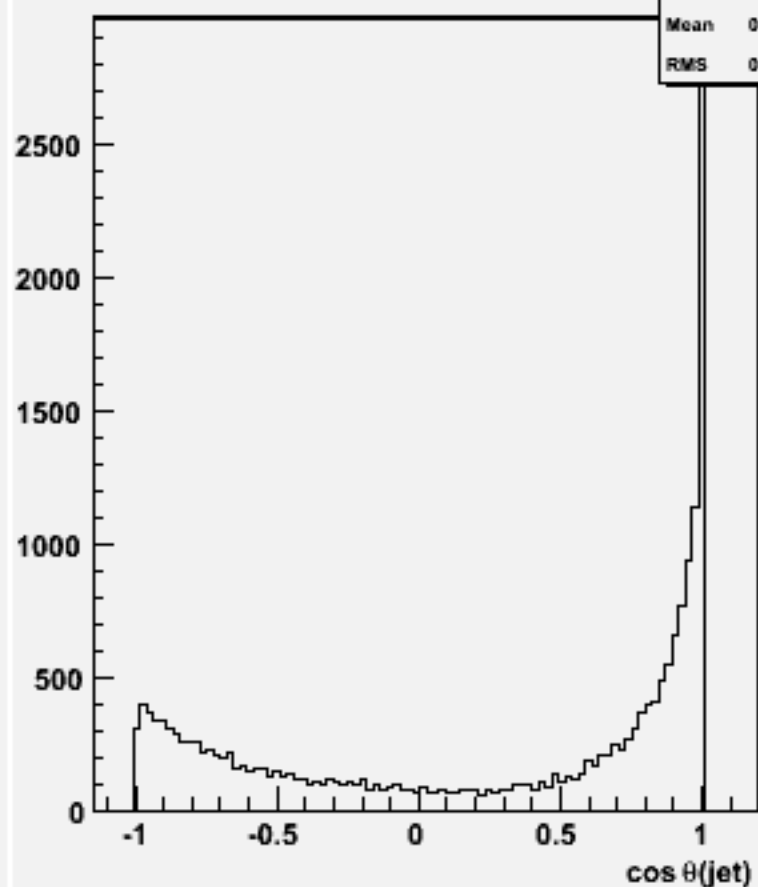
|         |        |
|---------|--------|
| Entries | 10000  |
| Mean    | 0.2142 |
| RMS     | 0.2602 |

energy for 2-jets :w100858 e2e2ude1n1\_o



h\_j0e

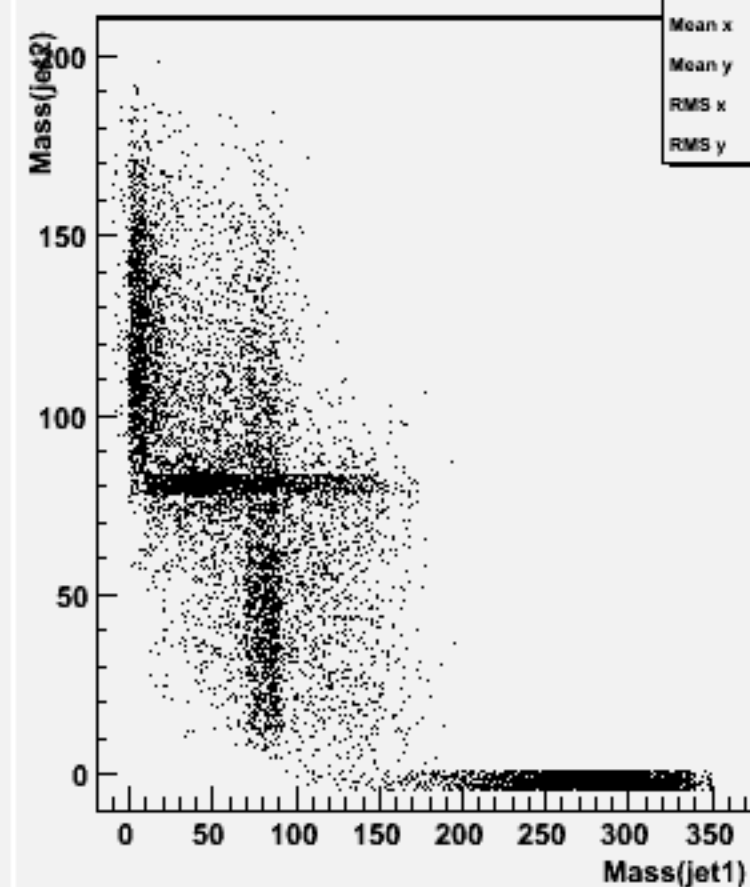
|         |       |
|---------|-------|
| Entries | 20000 |
| Mean    | 126.1 |
| RMS     | 56.28 |

cos  $\theta$  for 2-jets :w100858 e2e2ude1n1\_o

h\_j0cs

|         |        |
|---------|--------|
| Entries | 20000  |
| Mean    | 0.2614 |
| RMS     | 0.7423 |

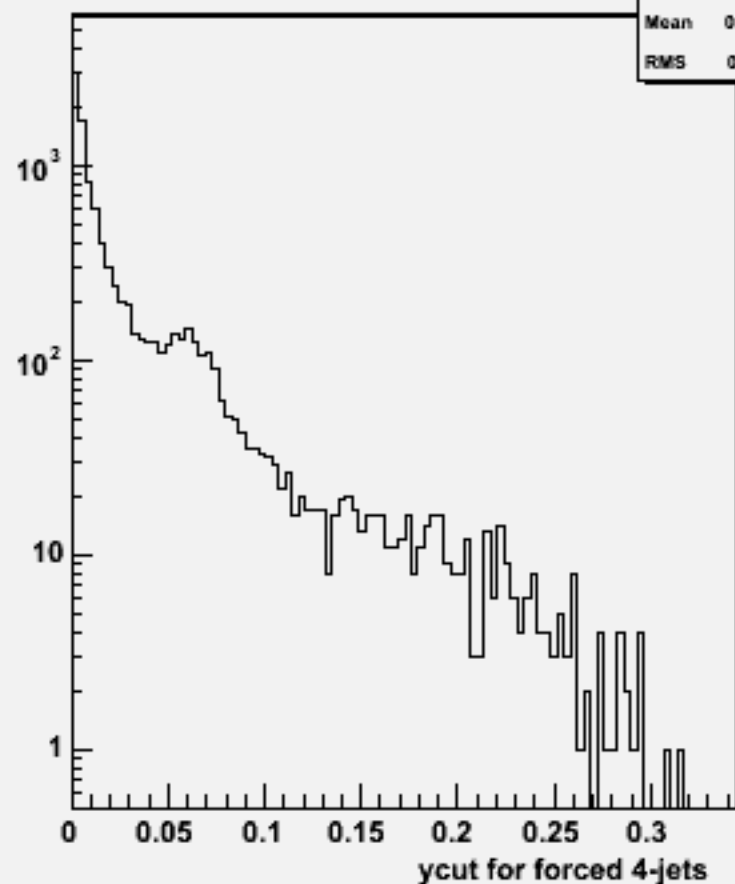
Jet mass for forced 2-jets : w100858 e2e2ude1n1\_o



h\_j0mj1m

|         |       |
|---------|-------|
| Entries | 10000 |
| Mean x  | 106.7 |
| Mean y  | 66.6  |
| RMS x   | 98.17 |
| RMS y   | 48.37 |

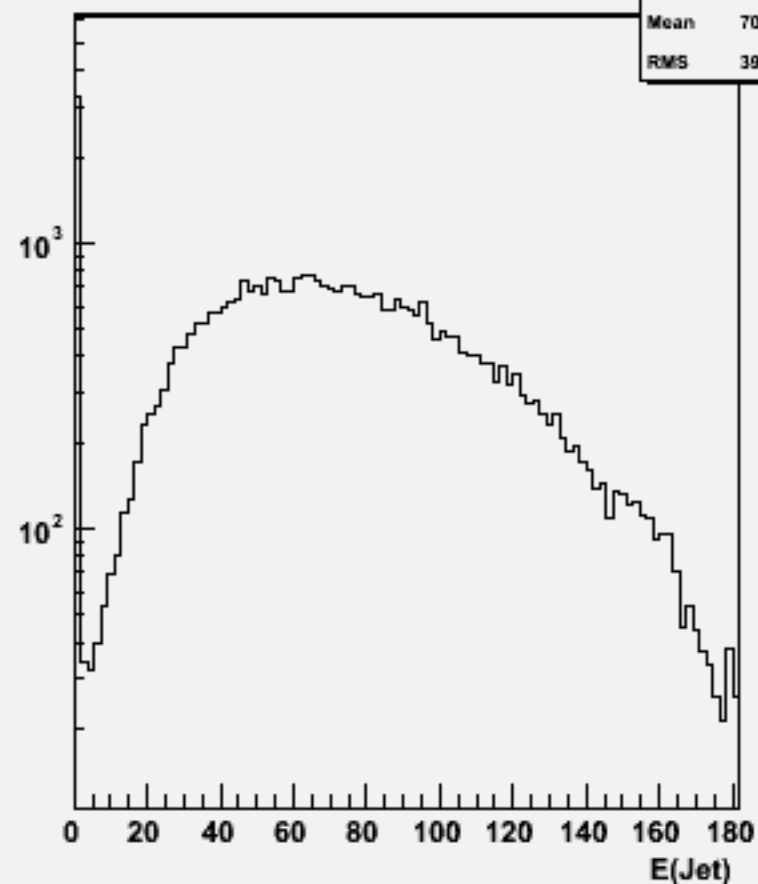
Ycut for 4-jets :w100858 e2e2ude1n1\_o



h\_yc4j

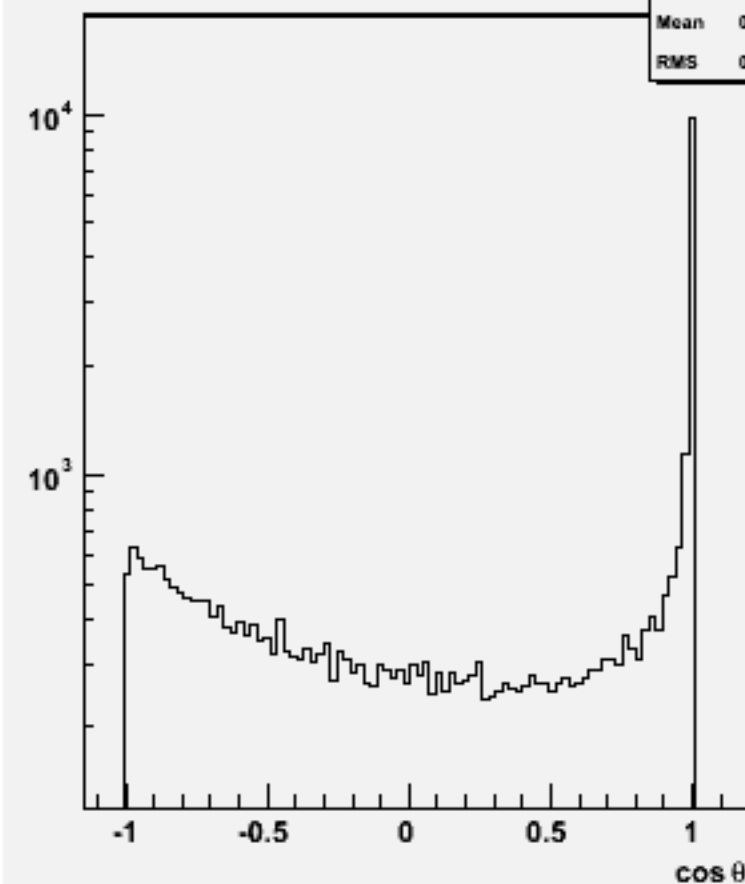
|         |         |
|---------|---------|
| Entries | 9973    |
| Mean    | 0.02674 |
| RMS     | 0.04318 |

Jet energies(All jets)w100858 e2e2ude1n1\_o



ha\_j0e

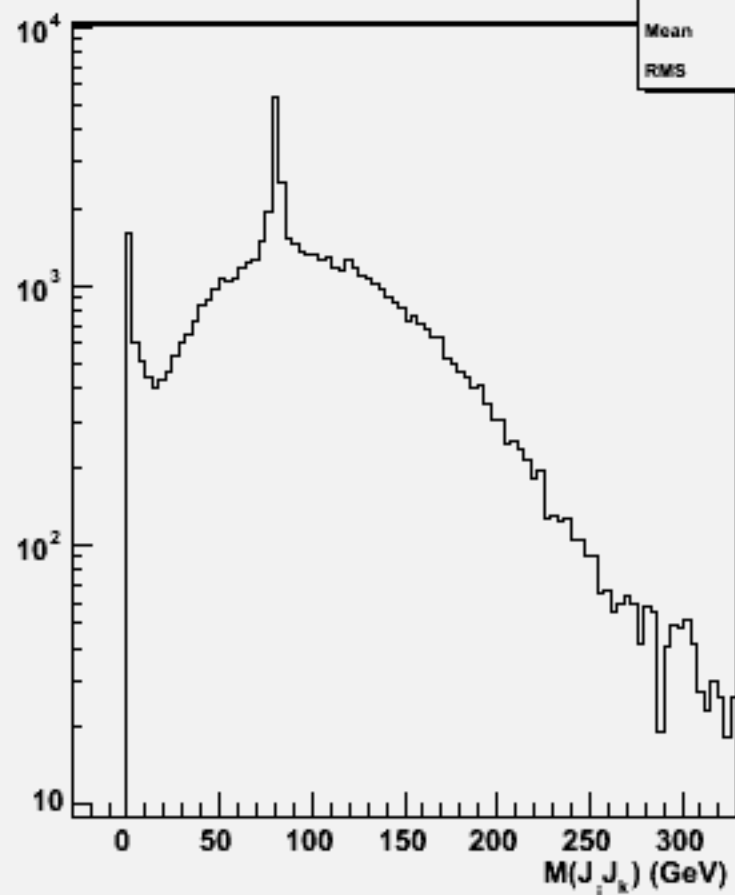
|         |       |
|---------|-------|
| Entries | 39892 |
| Mean    | 70.38 |
| RMS     | 39.82 |

Jet cos  $\theta$  (All jets)w100858 e2e2ude1n1\_o

ha\_j0cs

|         |        |
|---------|--------|
| Entries | 39892  |
| Mean    | 0.2014 |
| RMS     | 0.7194 |

2jets mass(All comb)w100858 e2e2ude1n1\_o



ha\_m01

|         |       |
|---------|-------|
| Entries | 59838 |
| Mean    | 101.4 |
| RMS     | 57.23 |